Amendments to the Examiner's Amendment to the Claims

The listing of claims below will replace all prior versions and listings of claims in the application. Changes to claim 38 relative to the immediate prior version (i.e., the version as amended by the Examiner's Amendment dated July 13, 2006) are shown using underlining to identify added material.

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Listing of Claims:

1-37. (canceled)

38. (currently amended) A seating structure comprising:

a base;

a seat supported by the base;

an electrical conduit electrically coupled to a power source; and

an automatic tilt adjustment mechanism coupled to the electrical conduit and configured to receive electricity from the power source, wherein the automatic tilt adjustment mechanism comprises:

an actuator;

a biasing member mechanically coupled to the actuator, wherein the biasing member biases the seat;

a microprocessor electrically coupled to the actuator, wherein a desired default position of the seat is programmed into the microprocessor; and

a transducer electrically coupled to the microprocessor;

wherein the transducer detects an angle of inclination of the seat and wherein upon detecting a previous user rising from the chair or detecting a new user occupying the chair, the microprocessor will engage the actuator and the actuator automatically restores the seat to the default position.

39. (original) The invention of claim 38 further comprising a backrest connected to at least one of the seat and the base, wherein the biasing member biases at least one of the seat and the backrest, the transducer further detects an angle of

inclination of the backrest, and the actuator automatically restores a default position for the backrest.

40. (original) The invention of claim 38 wherein the power source is selected from the group consisting of a battery and a fuel cell.

41. (original) The invention of claim 40 wherein the power source comprises a fuel cell.

42. (original) The invention of claim 38 wherein the biasing member comprises a spring.

43-44. (canceled)

45. (original) A seating structure comprising:

a base and a seat supported by the base;

an electrical conduit electrically coupled to a power source; and

an automatic tilt adjustment mechanism coupled to the electrical conduit and configured to receive electricity from the power source, wherein the automatic tilt adjustment mechanism comprises:

a motor;

a spring coupled to the motor, wherein the spring biases the seat;

a microprocessor electrically coupled to the motor; and

a transducer electrically coupled to the microprocessor; wherein

the transducer detects an angle of inclination of the seat; and

the motor adjusts torque of the spring to achieve a default position for the seat.

46. (original) The invention of claim 45 further comprising a backrest connected to at least one of the seat and the base, wherein the spring biases at least

one of the seat and the backrest, the transducer detects at least one of the angle of inclination of the seat and an angle of inclination of the backrest, and the motor adjusts torque of the spring to achieve a default position for at least one of the seat and the backrest.

47-121. (canceled)